

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UTILITY PATENT APPLICATION TRANSMITTAL**

FIRST NAMED INVENTOR OR APPLICATION IDENTIFIER: Robert W. Stadler, et al.

TITLE: Implantable Medical Device Employing Sonomicrometer Output Signals for Detection and Measurement of Cardiac Mechanical Function

CERTIFICATE UNDER 37 CFR §1.10: I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope addressed to: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, "EXPRESS No. EV 331 791 789 US, on this 24th day of March, 2004.

Kathleen M. Altman

Printed Name

Signature

**MAIL STOP PATENT APPLICATION**

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

☒ Patent Application Transmittal☒ Specification:Total pages: 49 (including claims and abstract: Spec. 46 sheets; Claims 2 sheets; Abstract 1☒ Drawings:Total sheets: 19☐ formal ☒ informal☒ Combined Declaration and Power of Attorney:☐ executed☒ copy from prior application☐ Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))☐ Incorporation by Reference - *The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied above is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.*☒ Accompanying application parts:☐ Notification of filing a☐ Assignment of the Invention to Medtronic, Inc.☐ Assignment cover sheet☐ Information Disclosure Statement☐ PTO Form 1449☐ Copies of IDS citations☐ Preliminary Amendment☐ A copy of the Petition or Conditional Petition for Extension of Time in the prior application.☒ Return Postcard**IF A CONTINUING APPLICATION:**

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. 10/002,338, filed on October 30, 2001, entitled Implantable Medical Device Employing Sonomicrometer Output Signals for Detection and Measurement of Cardiac Mechanical Function.

☐ Amend the specification by inserting before the first line the sentence: --This application is a \_\_\_\_\_ of application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, now allowed.--

☒ Cancel in this application original claims 1-54 of the prior application before calculating the filing fee. (At least the original independent claim must be retained for filing purposes.)

☒ The prior application is assigned of record to Medtronic, Inc.

☒ The Power of Attorney in the prior application is to: Michael C. Soldner.

22859 U.S. PTO  
10/807654



032404



032404

04776  
U.S. PTO

☐ This application claims the benefit of U.S. Provisional Application(s) Serial No.(s) \_\_\_\_\_, filed \_\_\_\_\_.

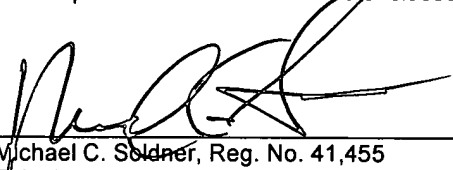
X Address all future correspondence to: Michael C. Soldner, Reg. No. 41,455  
Telephone: (763) 514-4842  
Customer No. 27581

FEE CALCULATION	No. of Claims Filed	Claims Included in Base Fee	No. of Extra Claims	Rate	Fee
Total Claims	5	20	= 0	x 18	\$ 0.00
Independent Claims	2	3	= 0	x 86	\$ 0.00
Multiple Dependent Claims			0	+ 290	
Basic Filing Fee					\$770.00
				TOTAL	\$ 770.00

X Charge Deposit Account No. 13-2546 in the amount of \$770.00 for the filing fee.

X The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. 13-2546. A duplicate of this transmittal is enclosed.

March 23, 2004  
Date

  
\_\_\_\_\_  
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